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DIALOG(R)File 350:Derwent WPIX
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Manufacture of polyester used for fiber, film, sheet and bottle, involves separating the polyester chip from treated water followed by washing the polyester chip with water

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Number of Countries: 001 Number of Patents: 001

Patent Family:

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JP 2001079836 A 20010327 JP 99257902 A 19990910 200132 B

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Patent Details:

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JP 2001079836 A 9 B29B-013/00

Abstract (Basic): JP 2001079836 A

NOVELTY - The water treatment of polyester chip is carried out in a treatment tank. After water treatment, the treated water is ejected from treatment tank and the polyester chip is separated from treated water. Subsequently, the polyester chip is washed with water in a processing unit (11) so that the amount of resin fine powder adhering to the polyester chip is reduced to 100 ppm or less.

USE - For forming fiber, film, sheet and bottle.

ADVANTAGE - The contamination of piping during water treatment of polyester chip, is restrained. The transparency and crystallization control property of the molded product (such as bottle) are excellent. The contamination of metallic mold during molding, is prevented.

DESCRIPTION OF DRAWING(S) - The figure shows the apparatus used for manufacturing polyester. (Drawing includes non-English language text).

Processing unit (11)

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Derwent Class: A23; A31

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International Patent Class (Additional): B29B-009/16; B29K-071-00;

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